

King County DNRP Water Quality Index

STATION **LSIN1** WATER YEAR **2018**

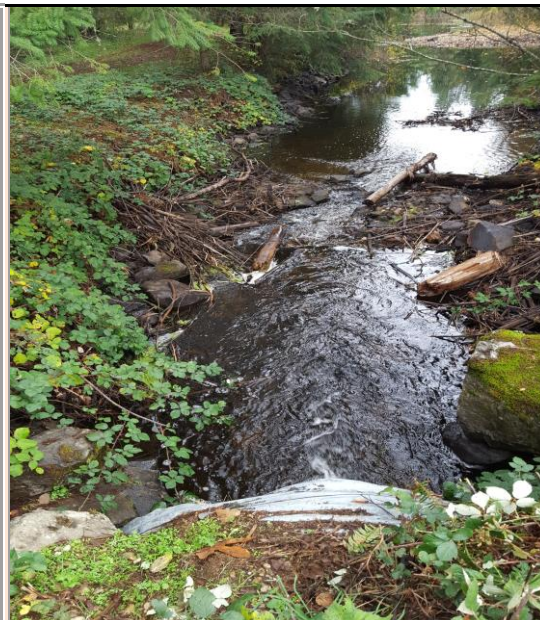
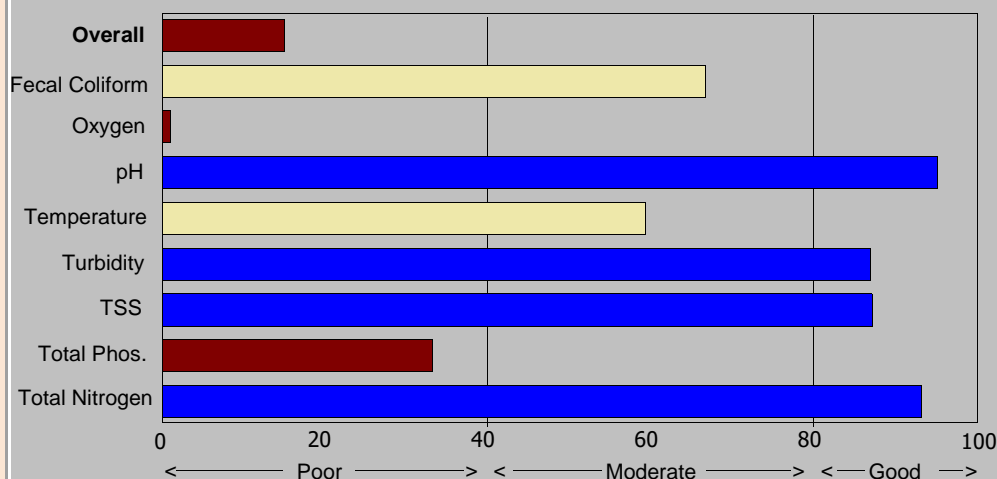
GAUGE # 09b Rock Creek at Lake Sawyer - Soos Creek Watershed

Overall Index **15**

King County monitors water quality in Rock Creek at station LSIN1, which is located near the mouth of the creek where it crosses SE 312th Street. Monthly monitoring began at this site in 2014. Rock Creek is a major tributary to Lake Sawyer with flows from Black Diamond Lake, Jones Lake, and Ginder Lake. The creek enters the southeastern portion of the lake in the Lake Sawyer Regional Park. Almost the entire drainage is in the City of Black Diamond. As part of the Big Soos Creek basin of the Green River watershed, Lake Sawyer serves as a pathway for a late winter run of Coho salmon. Coho salmon travel through Lake Sawyer on their way to spawning grounds in the Ravensdale and Rock Creek systems.

Annual Water Quality Index Scores

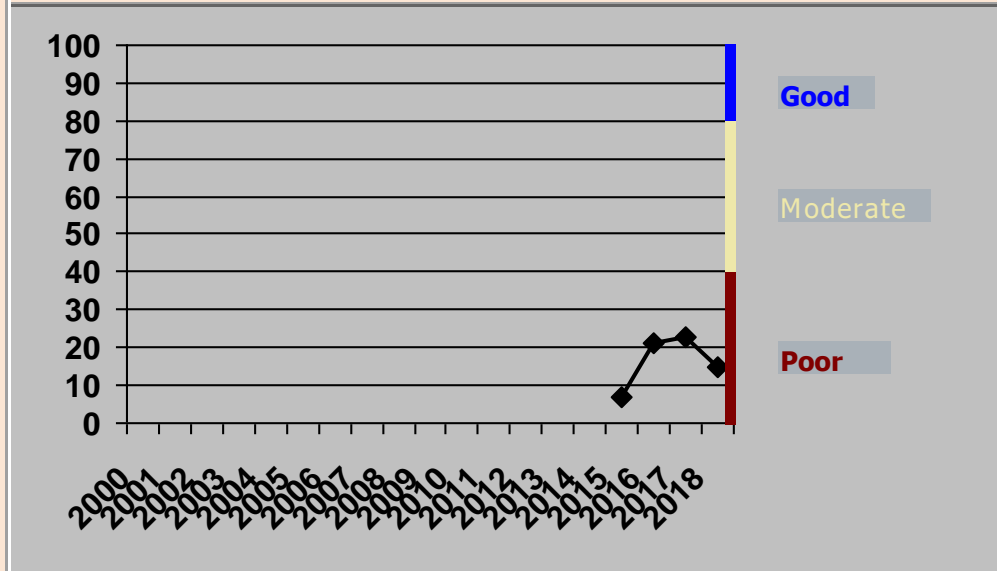
Water quality was POOR based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
	75	89	88	94	83	75	24	59	18	4	34

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>